Appendix 2: Codes for application of log–binomial regression and Poisson regression with robust standard errors for several widely used software packages where Y is the outcome, X is the exposure, and Z is the confounder (as supplied by the authors)		
	Log-binomial regression	**Poisson regression with robust standard errors**

SAS	proc genmod data=dataset descending;
	model Y=X Z / dist=bin link=log;
	estimate 'X label' X 1 /exp;
		proc genmod data=dataset;
		class id;
		model Y=X Z / dist=poisson link=log;
		repeated subject=id/type=ind;
		estimate 'X label' X 1 /exp;

Stata	glm y x z, link(log) eform binomial	glm y x z, link(log) eform robust poisson
R	glm(y~x+z,family=binomial(log)) *Note: robust standard error cannot be obtained by default*	glm(y~x+z,family=poisson)
SPSS	GENLIN y (REFERENCE=FIRST) BY x z (ORDER=DESCENDING) /MODEL x z INTERCEPT=YES DISTRIBUTION=BINOMIAL LINK=LOG /PRINT SOLUTION (EXPONENTIATED). *Note: use WITH instead of BY in case of continuous exposures or confounders*	GENLIN y (REFERENCE=FIRST) BY x z (ORDER=DESCENDING) /MODEL x z INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA COVB=ROBUST /PRINT SOLUTION (EXPONENTIATED). *Note: use WITH instead of BY in case of continuous exposures or confounders*

